

Rec'd PCT/PTO 24 FEB 2005
INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 2004/001084

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F1/20 H05K7/20

H02B1/56

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H05K H02B G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 101 12 389 A (HESS MARTIN) 2 October 2002 (2002-10-02) column 4, line 38 - column 5, line 47; figures 1-4	1
A	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 04, 2 April 2003 (2003-04-02) & JP 2002 374086 A (HITACHI LTD; HITACHI INFORMATION TECHNOLOGY CO LTD), 26 December 2002 (2002-12-26) abstract	1
A	US 5 424 916 A (MARTIN JACOB) 13 June 1995 (1995-06-13) column 4, lines 1-15 column 4, lines 59-63 column 5, lines 20-50; figure 2	1

-/-

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

16 July 2004

Date of mailing of the international search report

23/07/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 5 509 468 A (LOPEZ ROGER) 23 April 1996 (1996-04-23) column 9, line 61 - column 10, line 14; figure 6</p> <p>-----</p>	1

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PCT/EP2004/001084

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 10112389	A	02-10-2002	DE 10112389 A1	02-10-2002
JP 2002374086	A	26-12-2002	NONE	
US 5424916	A	13-06-1995	NONE	
US 5509468	A	23-04-1996	NONE	